

ABSTRACT

A multi-eye imaging apparatus comprises a plurality of imaging systems (106a, 106b) each including an optical system (107a, 107b) and an imaging element (108a, 108b) and having a different optical axis. The
5 plurality of imaging systems (106a, 106b) include a first imaging system (106b) having a pixel shift means (101) for changing a relative positional relationship between an image formed on the imaging element (108b), and the imaging element (108b), and a second imaging system (106a) in which a relative positional relationship between an image formed on the imaging
10 element (108a), and the imaging element (108a), is fixed during time-series image capture.